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OMB control number Substitute for form 1449/PTO Complete if Known APR 0 2 2009 10/589.890 INFORMATION DISCLOSURE Application Number STATEMENT BY APPLICANT Filing Date 02/10/2005 First Named Inventor Masanori NAKAMI Date Submitted: April 2, 2009 1793 Art Unit (use as many sheets as necessary) Examiner Name Cam N. Nguyen Sheet of Attorney Docket Number 040302-0582

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Examin er Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	Signature	/Cam N. Nguyen/	Considered	05/02/2009					
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- 1	ISDTO Patent Do	yournante at water pento pay or MPEP 901 04 3 Ent	er Office that issued the document, by the two-letter code (WIPO Standard ST 3) 4 For					

Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible, 6 Applicant is to place a check mark here if English language Translation is attached.

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SEMOPTE. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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OMB control number Substitute for form 1449/PTO Complete if Known INFORMATION DISCLOSURE 10/589.890 Application Number STATEMENT BY APPLICANT 02/10/2005 Filing Date First Named Inventor Masanori NAKAMURA Date Submitted: April 2, 2009 Art Unit 1793 (use as many sheets as necessary) Examiner Name Cam N. Nguyen of Sheet 2 16 Attorney Docket Number 040302-0582

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Examiner Signature	/Cam N. Nguyen/	Date Considered	05/02/2009

*EXAMINER: Install Inference considered, whether or not citation is in conformance with MFEP 69.0 (Install in the through citation in fund conformance and not considered, include copy of this form with end communication to applicant in Applicant's unique clistical designation unimel (optional). 2.5 Re Kind's Codes of USFTO Patient Documents at www.usplo.gov.or MFEP 801.04.3 Enter Office that issued the document, by the two-letter code (MPO) Standard \$7.3). 4 For Japanese patient occurrent, by the conformance and the common state of the comm

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Substitute for form 1449/PTO				C	omplete if Known
INFORMATION DISCLOSURE				Application Number	10/589,890
	STATEMENT BY APPLICANT			Filing Date	02/10/2005
	Date Submitted	· Anril	2 2009	First Named Inventor	Masanori NAKAMURA
	Date Gabinited	. Apili	2, 2000	Art Unit	1793
((use as many sheets as necessary)			Examiner Name	Cam N. Nguyen
Sheet	3	of	6	Attorney Docket Number	040302-0582

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Examiner Initials*	Cite No.1	U.S. Patent Application Document Serial Number-Kind Code ² (if known)	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Examiner Initiats*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τ°			
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Examiner Signature	/Cam N. Nguyen/	Date Considered	05/02/2009		
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INFORMATION DISCLOSURE				Application Number	10/589,890
	STATEMENT B	Y APF	PLICANT	Filing Date	02/10/2005
	Date Submitted	. A neil	2 2000	First Named Inventor	Masanori NAKAMURA
	Date Submitted	. April	2, 2009	Art Unit	1793
(use as many sheets as necessary)				Examiner Name	Cam N. Nguyen
Sheet	4	of	6	Attorney Docket Number	040302-0582

Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ³ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Date Submitted: April 2, 2009 (use as many sheets as necessary)			First Named Inventor	Masanori NAKAMURA		
			Art Unit	1793		
			Examiner Name	Cam N. Nguyen		
Sheet 5	of	6	Attorney Docket Number	040302-0582		

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(5), volume-issue number(s), publisher, city and/or country where published.	Τ°
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Examiner Signature	/Cam N. Nguyen/	Date Considered	05/02/2009		
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			LOSURE	Application Number	10/589,890	
			PLICANT	Filing Date	02/10/2005	
Date Submitted: April 2, 2009 (use as many sheets as necessary)			2 2000	First Named Inventor	Masanori NAKAMURA	
			2, 2009	Art Unit	1793	
			necessary)	Examiner Name	Cam N. Nguyen	
Sheet	6	of	6	Attorney Docket Number	040302-0582	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ [¢]
	A146	M. CHE et al., "A Study of the Chemisorption of Nitric Oxide on PdY Zeolite, Evidence for a Room Temperature Oxidative Dissolution of Pd Crystallities," The Journal of Physical Chemistry, Vol. 60, No. 21, 1976, 11 pgs.	
	A147	M. NAKAMURA et al., US PTO Office Action 10/584,243, dated 08-06-2008, 5 pgs.	
	A148	M. NAKAMURA et al., US PTO Office Action 10/584,243, dated 12-26-2008, 24 pgs.	-
	A149	PH, BUFFAT AND J-P BOREL, "Size effect on the melting temperature of gold particles," Physical Review A, June 1976, Vol. 13, No. 6, 12 pgs.	
	A150	R. WILLIS, "PUMICE, Porous Volcanic Rock," Online, XP002364316, URL:http://ceramic-materials.com/cermat/material/2009.html>.	
	A151	S. ERIKSSON,et al., "Preparation of Catalysts from Microemulsions and Their Applications in Heterogeneous Catalysis," Applied Catalysis A: General, Vol. 265, No. 2, July 8, 2004, pp. 207-219.	
	A152	T. Kinoshita et al., "Magnetic evaluation of nanostructure of gold-iron composite particles synthesized by a reverse micelle method," Journal of Alloys and Compounds, Vol. 359, No. 1-2, Sept. 22, 2003, pages 46-50.	
	A153	W.Y. Kim et al., "Methanol synthesis from syngas over supported palladium catalysts prepared using water-in-oil microemulsion," Applied Catalysis A: General, Vol. 169, 1998, pages 157-164.	

Examiner	/Cam N. Nguyen/	Date	05/02/2009
Signature	/Call IV. INguyeli/	Considered	03/02/2009

EXAMILER: hitself reference considered, whether or not citation is in conformance with MPEP 850. Draw line through citation find in conformance and not considered include copy of this form with next dominarization to applicant. I Applicant is suggested unable (optional) 2 See Kndc Socies of USPTO Patient Documents at view uspo gov or MPEP 901.04.3 Einter Office that issued the document, by the No-Interference (NIPO Standard \$1.3.4 For Jaganese patient documents, the including of the year of the resign of the Emperor must preced the sear in unable of the patient document by the appropriate symbols as indicated on the year of the resign of the Emperor must preced the sear in unable of the patient document with the appropriate symbols as indicated on the document under WIPO Standard \$1.16 if possible, 6 Applicant is to place a check mark here if English language

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